

## Claims

- 1) Use of bacteria of the species *Streptococcus phocae* for the manufacture of a vaccine for combating *Streptococcus phocae* infection in fish.
- 2) Use according to claim 1, characterized in that the fish belong to the salmonids.
- 3) Use according to claim 2, characterized in that the fish are Atlantic salmon.
- 4) Use according to claims 1-3, characterized in that the bacteria of the species *Streptococcus phocae* are in an inactivated form.
- 5) Use according to claims 1-4, characterized in that for the manufacture of the vaccine an additional fish-pathogenic microorganism or virus, or an antigen thereof is used.
- 6) Use according to claim 5, characterized in that said additional fish-pathogenic microorganism or virus is selected from the group of *Vibrio ordalii*, *Vibrio anguillarum* serotype O1, *Vibrio anguillarum* serotype O2, *Aeromonas salmonicida*, *Flavobacterium columnarae*, *Flexibacter maritimum*, *Edwardsiella ictaluri*, *Edwardsiella tarda*, *Photobacterium damsela* subspecies *piscidida*, *Flavobacterium psychrophilum*, *Moritella viscosa*, *Piscirickettsia salmonis*, *Yersinia ruckeri*, *Vibrio salmonicida*, Infectious Pancreatic Necrotic Disease virus, Infectious Salmon Anaemia virus and Salmon Pancreatic Disease virus.
- 7) Use according to claims 1-6, characterized in that for the manufacture of the vaccine additionally an adjuvant is used.
- 8) Use according to claims 1-7, characterized in that said vaccine is in a freeze-dried form.
- 9) Bacteria of the species *Streptococcus phocae* for use in a vaccine.
- 10) Method for the production of a vaccine for combating *Streptococcus phocae* infection, said method comprising the mixing of bacteria of the species *Streptococcus phocae* in a live attenuated or inactivated form and a pharmaceutically acceptable carrier.
- 11) Method for the combating of *Streptococcus phocae* infection in fish, said method comprising the administering to fish of an effective amount of a vaccine obtained through the method of claim 10.